



About the Workshop Instructor

Charles A. Gillis, P.E.

Mr. Gillis has 30 years of machine design experience in industry.

Through his work with Dynamic Design Consulting, LLC, he helps clients with product design, design for assemblability and manufacturability, design documentation, tolerance stack-up analysis, and related capability-building. He has designed and put into service numerous pieces of manufacturing equipment consisting of complex mechanisms of precision assembled components.

He served for twenty-five years as a mechanical design engineer for The Gillette Company, designing automated machinery for manufacturing blade and razor products. He has designed equipment to manufacture the Mach3, Venus, Sensor3, Fusion, and Venus Embrace product lines.

He has been training practicing engineers in GD&T, Print Reading, and related mechanical design and documentation topics for 15 years.

In addition to authoring *Hammer's Blueprint Reading Basics* (4th & subsequent editions, Industrial Press, 2017), he is also a contributing author to *Machinery's Handbook* (31st & subsequent editions, Industrial Press, 2020), *Machine Designers Reference* (Industrial Press, 2011), and *The Cam Design and Manufacturing Handbook* (Industrial Press, 2002).

Charles earned his Bachelor of Science Degree in Mechanical Engineering from Worcester Polytechnic Institute, and his Master of Science Degree in Mechanical Engineering from Northeastern University. He is a licensed Professional Engineer in the Commonwealth of Massachusetts, and holder of a Geometric Dimensioning and Tolerancing Professional Certificate–Senior Level (GDTP–S) from the American Society of Mechanical Engineers (ASME).